

# Igor Ferst

SOFTWARE + DATA

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## Summary

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I am a business-focused technical leader specializing in building software that helps people extract insights from complex data.

I have deep experience working at early and growth stage software companies, including founding and exiting a startup that built a data analytics platform for vehicle telematics data (now part of Bridgestone Mobility Solutions).

I have a diverse skill set spanning software engineering, product management, data science, and leadership. I thrive in roles that combine leadership, product thinking, and hands-on technical work, especially in high complexity/high ambiguity contexts.

## Work Experience

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### Bridgestone Mobility Solutions

Stockholm, Sweden

SR. DIRECTOR OF ENGINEERING

Feb. 2021 - present

- My startup Mobikit was acquired and its product incorporated into Bridgestone's software portfolio as a fleet risk management product for insurance carriers and fleet owners. I continue to lead product development.
- Manage globally distributed team of developers: hiring, onboarding, coaching, optimizing processes.
- Work with product team and customers to turn feedback and insights into executable technical designs.
- Own and execute high-value customer implementations.
- Review code and drive architectural discussions.

### Mobikit

Columbus (OH), USA

CO-FOUNDER AND CTO

Jan. 2019 - Feb. 2021

- Technical co-founder of a startup building a data analytics platform for vehicle telematics data.
- Raised funding, guided company to product-market fit, and exited successfully.
- Architected and led development of data pipeline to ingest and harmonize vehicle data from heterogenous sources.
- Shipped code across the entire stack, from data pipeline to UI.
- Grew globally distributed team of developers.

### Root Insurance

Columbus (OH), USA

SENIOR SOFTWARE ENGINEER

Sept. 2018 - Jan. 2019

- Worked at a growth-stage insurtech unicorn on using machine learning to improve insurance rate accuracy.
- Implemented support for new rating methodologies and enhancements to the end-user mobile app.
- Python SME for engineering and actuarial teams.

### Enlace Health

Columbus (OH), USA

LEAD SOFTWARE ENGINEER

Sept. 2014 - Feb. 2018

- Led the cross-functional team building a care management and revenue cycle management product for surgical centers.
- Owned product design and technical architecture, maintained product roadmap, implemented features.
- Overhauled hiring process and personally onboarded most of company's new engineers.
- Introduced and trained engineering team on new technologies (Docker, Angular), development processes (TDD, code reviews) and agile methodology (user stories, estimation).

### InSample

San Francisco (CA), USA

SOFTWARE ENGINEER

Mar. 2014 - Sept. 2014

- First employee at healthcare analytics startup building a cloud-based tool for statistical de-biasing of clinical experiments.
- Designed and built the product prototype together with the CTO.
- Prepared fundraising materials and interviewed prospective customers.

## Google

### SOFTWARE ENGINEER

Mountain View (CA), USA

Feb. 2013 - Mar. 2014

- Part of conversion tracking team building the tools that Google's customers use to understand the effectiveness of their ad spend.
- Implemented a novel conversion tracking visualization for the AdWords suite of analytics tools.
- Acted as Angular SME during team's transition from legacy front-end framework to Angular.
- Developed enhancements to Google Analytics machine-learning algorithm for attribution modeling.

## Palantir Technologies

### FORWARD DEPLOYED ENGINEER

Palo Alto (CA), USA

Jan. 2011 - Jan. 2013

- Embedded with a prominent global macro hedge fund, the largest customer for Palantir's capital markets analytics platform.
- Product owner and developer for platform's visualization and reporting features.
- Trained users and gathered product requirements.

## Skills

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**General** Software engineering, product management, data science, technical leadership

**Languages** Python, Javascript, SQL

**Frameworks** Django, React

**Infrastructure** AWS, Docker, PostgreSQL, Github

**Technical Expertise** Statistics, optimization, machine learning, data modeling, graph algorithms, quantum computing

## Education

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### Cornell University

Ithaca (NY), USA

#### M.S. IN COMPUTER SCIENCE

- PhD candidate in Applied Mathematics supported by a US National Science Foundation Graduate Research Fellowship.
- Published original research in algorithms and optimization: <https://tinyurl.com/ycheu4us>

### University of Waterloo

Waterloo (Ontario), Canada

#### M.MATH. IN COMBINATORICS & OPTIMIZATION

### University of Chicago

Chicago (IL), USA

#### B.S. IN MATHEMATICS WITH HONORS

## Volunteering

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### Odesa Peace Fund

Stockholm, Sweden

- General IT guidance and support for a US-based nonprofit providing humanitarian aid to Ukraine.

### Tech Elevator

Columbus (OH), USA

- Panelist and student mentor for the Columbus chapter of a software development bootcamp.

### United Schools Network

Columbus (OH), USA

- Designed and taught a three month after-school programming course for middle-school students.
- Developed spreadsheet-based operational tools for school administrators.

### Columbus Arts Festival

Columbus (OH), USA

- Member of organizing committee for 2016 and 2017 festivals.
- Built mobile-friendly web-based interactive festival map.